

# ATS Systems

## Coolant Management

*Keep it flowing for top-notch results with ATS Systems!  
We have the coolant management system for your machining application!*



***Mist  
Collection***



***High-pressure  
Coolant Systems***



***Filtration***

# Coolant Management Systems



## UltraFlex<sup>®</sup>

### Features

- ✓ Unit volumes: 4-20 gpm / 15-75 lpm
- ✓ Unit pressures: 300-3000 PSI / 20-210 bar
- ✓ 65gal / 250L clean tank
- ✓ Full-color HMI display
- ✓ UL/CSA/CE cabinet standards
- ✓ 10um quad bag filtration
- ✓ High-pressure outlets – 4 & 8 outlet configuration
- ✓ Quick disconnect low-pressure hose kits
- ✓ Unit footprint: W-24" X L-56 X H-63" W-609 X L-1422 X H-1600
- ✓ Unit castor package
- ✓ On board feeder pump
- ✓ Wiring harnesses with machine side connectors
- ✓ Unit power to specification – 230v / 460v
- ✓ Arc flash compliant low-pressure



### Base Model



### Integrated Unit Options

- ✓ Unit mounted and integrated 36,000 btu chiller
- ✓ Unit mounted and integrated 850 cfm mist/smoke collector
  - Available HEPA filter
- ✓ Unit mounted and integrated oil skimmer
- ✓ Cyclonic media free filtration
  - Water soluble coolant only
- ✓ Up to 4 M-code programmable pre-set pressures
- ✓ Infinite HMI manual programmable pressure settings
- ✓ Ethernet IP interface
- ✓ Supplemental tank – 100 gal / 380L
- ✓ Supplemental wash pumps to spec



**Base Model**



**Base Model and Chiller**






**Base Model and Mist Collector**




**Base Model, Chiller and Mist Collector**



## ULTRAFLEX SERIES

| Unit Series | Pump Style  | Volume         | Pressure                | Flow Type         | Unit Configuration       | Unit KVA | Outlets  |          | Filtration Type          |
|-------------|---|----------------|-------------------------|-------------------|--------------------------|----------|----------|----------|--------------------------|
|             |   |                |                         |                   |                          |          | Standard | Optional |                          |
| 70-36       |  | 9gpm<br>36lpm  | 300-1000psi<br>20-70bar | Fixed or Variable | Base Model               | 10.85    | 2        | Up to 8  | 10um Bag or 5um Cyclonic |
|             |   |                |                         |                   | Mist Collector           | 11.64    |          |          |                          |
|             |   |                |                         |                   | Chiller                  | 21.20    |          |          |                          |
|             |   |                |                         |                   | Chiller & Mist Collector | 22.00    |          |          |                          |
| 70-60       |  | 16gpm<br>60lpm | 300-1000psi<br>20-70bar | Fixed or Variable | Base Model               | 14.38    | 2        | Up to 8  | 10um Bag or 5um Cyclonic |
|             |   |                |                         |                   | Mist Collector           | 15.18    |          |          |                          |
|             |   |                |                         |                   | Chiller                  | 24.66    |          |          |                          |
|             |   |                |                         |                   | Chiller & Mist Collector | 25.46    |          |          |                          |
| 55-75       |  | 20gpm<br>75lpm | 300- 750psi<br>20-55bar | Variable          | Base Model               | 14.38    | 2        | Up to 8  | 10um Bag or 5um Cyclonic |
|             |   |                |                         |                   | Mist Collector           | 15.18    |          |          |                          |
|             |   |                |                         |                   | Chiller                  | 24.66    |          |          |                          |
|             |   |                |                         |                   | Chiller & Mist Collector | 14.50    |          |          |                          |

## UD SERIES - DUAL HIGH PRESSURE PUMP MODEL

|         |   |                |                         |                   |                          |       |   |         |                          |
|---------|---|----------------|-------------------------|-------------------|--------------------------|-------|---|---------|--------------------------|
| 70-36-2 |  | 19gpm<br>72lpm | 300-1000psi<br>20-70bar | Fixed or Variable | Base Model               | 17.74 | 4 | Up to 8 | 10um Bag or 5um Cyclonic |
|         |   |                |                         |                   | Mist Collector           | 18.53 |   |         |                          |
|         |   |                |                         |                   | Chiller                  | 28.10 |   |         |                          |
|         |   |                |                         |                   | Chiller & Mist Collector | 28.89 |   |         |                          |

## SWISS MODELS

|        |   |               |                          |                   |                          |       |   |         |                          |
|--------|---|---------------|--------------------------|-------------------|--------------------------|-------|---|---------|--------------------------|
| 140-15 |  | 5gpm<br>15lpm | 300-2000psi<br>20-140bar | Fixed or Variable | Base Model               | 11.25 | 2 | Up to 8 | 10um Bag or 5um Cyclonic |
|        |   |               |                          |                   | Mist Collector           | 12.04 |   |         |                          |
|        |   |               |                          |                   | Chiller                  | 21.60 |   |         |                          |
|        |   |               |                          |                   | Chiller & Mist Collector | 22.40 |   |         |                          |
| 210-15 |  | 4gpm<br>15lpm | 300-3000psi<br>20-210bar | Fixed or Variable | Base Model               | 14.26 | 2 | Up to 8 | 10um Bag or 5um Cyclonic |
|        |   |               |                          |                   | Mist Collector           | 15.06 |   |         |                          |
|        |   |               |                          |                   | Chiller                  | 25.08 |   |         |                          |
|        |   |               |                          |                   | Chiller & Mist Collector | 25.88 |   |         |                          |

Only CoolJet offers a system that can be upgraded in the field to better serve your needs.

The UltraFlex Series provides unmatched flexibility with a **modular design** that can be configured in over 200 ways to meet any application challenge to serve your needs better.



# Coolant Management and Filtration

## Standard features

- ✓ 9gpm / 36lpm fixed flow
- ✓ Single outlet
- ✓ Dual parallel 10um bag filtration
- ✓ Quick drain filter housings
- ✓ Small space-saving design
- ✓ Water soluble or oil coolant
- ✓ Footprint: W-24" X L-32" X H - 35"W - 610 X L-812 X H-889
- ✓ Power to spec - 230v / 460v / 400v kva – 5.9

## TL Series High-Pressure Unit



## CoolJet Chiller



## Standard features:

- ✓ Continuous circulation of the machine tool coolant
- ✓ 36,000 btu's
- ✓ Single outlet – 1000 PSI / 70 bar
- ✓ Dual parallel 10um bag filtration
- ✓ Footprint: W-30" X L-32" X H-35" W-762 X L-812 X H-841
- ✓ Power to spec 230v / 460v / 400v
- ✓ Full-color HMI touch screen control
- ✓ Models for water or oil

## Features:

- ✓ Powerful stand-alone media-free cyclonic filtration
- ✓ Provides 5um continuous filtering of your entire machine tool coolant supply to 5 micron
- ✓ No filters to buy
- ✓ Can be installed on any machine to solve tough filtration problems
- ✓ Water soluble coolant only
- ✓ Small footprint W-16"xL-22xH-54" / W-406xL-559xH-1372
- ✓ Power requirement 1.8kva
- ✓ 120/230/460 volt available

## EcoClean



### Features:

- ✓ Models from 500-2000 CFM
- ✓ 97.8%–99.6% collection efficiency on all submicron particles
- ✓ Variable speed
- ✓ Airflows ranging from 500 to 850 CFM
- ✓ Electrostatic precipitation air cleaning systems
- ✓ Easily switch between water-soluble or oil-based machine tool coolants
- ✓ Configurations to collect mist, smoke, or dust
- ✓ Installation on machine top, floor stand, hanging or coolant unit mounted

### Options

- ✓ HEPA media filter supplies up to 99.97%
- ✓ 120-volt option available

### MistBuster



### CoolVac®



### Features:

- ✓ Air-actuated pump – no electricity is required
- ✓ Portable to meet all machine maintenance needs
- ✓ Removes chips, and sludge (aluminum, copper, iron, steel, plastic, etc.)
- ✓ Works with cutting oils and water-soluble coolants

### Features:

- ✓ Patented design and unique flow path provide coolant quality to 5 microns
- ✓ Compact durable design
- ✓ Most powerful rare earth magnet (9,000 gauss)
- ✓ Fully adjustable automatic purge cycle
- ✓ No mechanical scrappers or items that need routine maintenance
- ✓ Can be sized to handle any flow potential
- ✓ Complete packages available for tank cleaning, fluid circuit filtering, high-pressure coolant pre-filtering, and much more

### CoolMag



# Oil Skimmer, Metalworking Fluids and Accessories

## Features:

- ✓ Simple, rugged, reliable, and features easy vertical access
- ✓ Lifetime warranties on the tramp oil belt skimmer's dual wiper set and limited warranties on all other parts
- ✓ Steel, heavy-duty construction
- ✓ Removable, easy-to-clean oil collection tray
- ✓ Continuous-duty, fan-cooled motor
- ✓ Self-tensioning belt on fixed lower pulley (to 24")
- ✓ Hanging lower pulley design (36" and up)
- ✓ Dual wiper set with a lifetime warranty
- ✓ One-year warranty for all other parts (except steel belts)

## Optional Accessories:



Diverter™ (BGST4)  
Oil/Water Separator For Pure Oil Discharge (Raises Unit  
By 2", Please Account For When Selecting Reach)



Timer Options  
(XETIMER- Standard)  
(XETIMER-GSBZ - Integrated)  
Integrated Timer For  
Mechanical Skimmers



Lockjaw™ (#BGX2)  
Lockjaw Mounting Clamp Affixes  
Skimmer To Any 1/4" Thick Wall Or Barrel,  
Making Portability Simple

## Tramp Oil Belt Skimmer



## Features:

ATS offers a wide range of CNC lubricants for many machining operations. Each coolant is specifically designed to handle light, medium, or heavy machining in the following applications:

- |             |                  |
|-------------|------------------|
| ✓ Broaching | ✓ Sawing         |
| ✓ Drilling  | ✓ Tapping        |
| ✓ Grinding  | ✓ Threading      |
| ✓ Milling   | ✓ Thread Rolling |

## Metalworking Fluids

**FTNA**  
PRODUCTS INC.



## Automation

Automation solutions from ATS Systems include almost any type of automation you might need for your shop. We can equip you with bar feeders for lathes, trunnions, and tombstones for milling and tapping, as well as 4- and 5-axis rotary tables and rotary index machines to make complex machining that much easier. We are also an exclusive dealer of the Xcelerate robotic machining system, which automates nearly every single aspect of machining.

- Bar Feeds
- Xcelerate
- Accu-Rock Rotary Table Units
- KME 5 Axis Tombstones, Trunnions and Rotary Tables (wireless)

## Coolant Management

Coolant and filtration are obviously of critical importance to ensure the proper function of your machines and the quality of parts. We scoured the globe to find the best high-pressure coolant and filtration systems, and - as exclusive dealers - can offer filtration and coolant systems for almost any shop, including fluid chillers, filtration tanks, and filtration systems, as well as smoke and mist collectors to ensure safe working conditions.

- High-Pressure Coolant Systems
- Metal Working Fluid Chillers
- Filtration Systems
- Mist and Smoke Collection Systems
- ATS MasterAll Coolants
- CoolVac Chip/Sludge Vacuum

## Workholding

Workholding is how we made our name in the machine tool business. We are the nation's leading producer and supplier of collet chucks, but our workholding products and services extend far from there. Air chucks, power chucks, adjustable jaw chucks, 3-, 4- and 6-jaw chucks for turning, milling, or any other machining application as well. You'll also find cylinders and steadyrests for your metal shop as well.

- Collet Chucks
- Big Mouth II™ Air Chuck
- Ultimate Chuck™ Model
- Cylinders
- Steadyrests

## ATS Services

You may be looking for our products, but what ATS Systems sells is service. We have a nationwide distribution and service network, able to get our technicians onsite within 48 hours in almost all cases, if not faster. We provide all the services you need from technical support to installation and training, and all points in between. Our job is to make yours easier, and nothing makes us happier than seeing our customers use our products to make their business more efficient, capable, and prosperous.

- Productivity Improvement Surveys
- Preventative Maintenance Programs
- ATS Product Service/Installations

## Installation

# Nationwide Service Team

At ATS, we not only provide the highest quality products in the industry, but we also have the advantage of our Nationwide Service Staff.

Our strategically located service staff are ready to install, service, and train your staff on the effective and safe operation of our products.

Our talented team of service technicians are highly trained in the products we offer and are our direct employees. With their expertise, you can rest assured that you have an expert by your side from the time of installation through any service needs long after the warranty period.

**135K +**

**Units in Service**

**50% +**

**Customer  
Productivity Gain**

**99% +**

**Machine  
Accessory Uptime**



### FOR MORE INFORMATION



**800-321-1833**



**[sales@atssystems.us](mailto:sales@atssystems.us)**



**[www.atssystems.us](http://www.atssystems.us)**

**Workholding:** Ultimate Chuck | Air Chucks | Cylinders | Collet Chucks | Steady Rests | 5th Axis  
**Coolant Management:** High-Pressure Filtration | Chillers | Mist Collection | MasterAll Fluids  
**Automation:** Bar Feed | Rotary Tables | Xcellerate | Tombstones | Trunnions | Indexers

